EAST Search History $-4/1/2\alpha7$ - C/RC

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|-----------|--|---|---------------------|---------|------------------|
| L1 | 1 | wo-200159213-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/01 10:56 |
| L2 | 201 | (polyamidoamine or polyamineamide) and (polyamine with (fatty adj acid) with react\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/01 11:13 |
| L6 | 15 | (polyamidoamine or polyaminoamide) with soften\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/01 11:14 |
| S1 | 15 | (("3840486") or ("3709847") or ("4323490") or ("2926116") or ("5185202") or ("5744001") or ("4264516") or ("2772969") or ("5393334") or ("6346169") or ("5354425")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/01 14:36 |
| S2 | 5316 | (162/135,158,164.1,164.6,166,167, 179,183,184).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/01 12:23 |
| S 3 | 6430 | ((8/115.6,116.1,181,188,194) or (106/243) or (252/8.61,8.63)). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/01 12:24 |
| S4 | 3379 | ((554/1,35,51,103,104) or (564/1, 123,152,281)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/11/01 12:25 |
| S5 | 14842 | S2 or S3 or S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 12:25 |
| S6 | 43 | ("reaction product" with polyamine with carboxylic) and quaternary and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2005/11/01 12:42 |

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| | | | | 1 | | |
|-----|-------|---|---|------|----|------------------|
| S7 | 21 | S6 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 12:28 |
| S8 | 0 | ("reaction product" with polyamine with "fatty acid\$1") and quaternary and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 12:43 |
| S9 | 50 | ("reaction product" with polyamine with ("fatty acid" or "fatty acids")) and quaternary and polyacrylamide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:23 |
| S10 | 91 | S6 or S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2005/11/01 12:44 |
| S11 | 0 | S9 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 12:44 |
| S12 | 36 | S10 and tertiary adj amine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:26 |
| S13 | 859 | (tertiary adj amine) near2 (ratio or value) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:41 |
| S14 | 35 | ((tertiary adj amine) near2 (ratio or value)) and (amidoamine or (product and polyamine with fatty adj acid)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:45 |
| S15 | 36943 | softening and paper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:29 |
| S16 | 506 | softening near2 paper | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:30 |

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| S17 | 4 | S14 and S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:30 |
|-----|------|--|---|------|-----|------------------|
| S18 | 9 | S10 and dehydrat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:45 |
| S19 | 79 | "tertiary amine value" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 13:59 |
| S20 | 1 | ("5296024").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/01 15:54 |
| S21 | 1321 | (paper or cellulos\$2 adj fiber) and soften\$3 and quatern\$4 and polyacrylamide | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 15:56 |
| S22 | 204 | S21 and emulsifier | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 15:56 |
| S23 | 204 | S21 and emulsifier | USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2005/11/01 15:56 |
| S24 | 82 | S23 and (drainage or retention) | USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2005/11/02 09:12 |
| S25 | 2 | S24 and polyaminoamide | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 15:58 |
| S26 | 57 | S21 and polyaminoamide | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/11/01 16:07 |
| S27 | 1 | ("5314721").PN. | USPAT; USOCR | OR | OFF | 2005/11/02 09:12 |
| S28 | 1 | ("20040188047").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/17 18:53 |

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| S29 | 195 | (paper or sheet) and polyamidoamine and polyacrylamide and quaternary | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/19 10:30 |
|-------|-----|---|---|----|----|------------------|
| S30 . | 34 | S29 and (oleic or soybean or ericic or linoleic or gadoleic or ricinoleic or isostearic or isopalmitic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/19 10:32 |
| S31 | 14 | S30 and (polyethyleneamine or diethylenetriamine or triethylenetetramine or dipropylenetriamine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/01 11:13 |
| S32 | 0 | S30 and ethyleneamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/06/19 10:33 |

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